

N311 Care Plan 1

Lakeview College of Nursing

Kayonna Pinto

**Demographics (5 points)**

<b>Date of Admission</b> 9/16/2019	<b>Patient Initials</b> B. S.	<b>Age</b> 66 years old	<b>Gender</b> Female
<b>Race/Ethnicity</b> White/Caucasian	<b>Occupation</b> Retired	<b>Marital Status</b> Widowed	<b>Allergies</b> NKA
<b>Code Status</b> DNR	<b>Height</b> 5' 2"	<b>Weight</b> 130 lbs	

**Medical History (5 Points)**

**Past Medical History:** Squamous cell carcinoma of lung and Brain Metastasis. Hypercalcemia of malignancy. Adrenal adenoma. Emphysema, unspecified. Repeated falls. Amnesia, other. Iron deficiency anemia. Synthesis of inappropriate secretion of antidiuretic hormone. Secondary malignant neoplasm of RT.

**Past Surgical History:** IR US venous access (9/6/19), Port placement (9/6/19), Ultrasound core biopsy (8/2/19), Appendectomy (No date provided).

**Family History:** Patient's maternal grandmother had renal cancer. Mother (deceased) was healthy. Father (deceased) had massive coronary at 72.

**Social History (tobacco/alcohol/drugs):** Smokes 2-5 cigarettes a day for 35 years. Does not use alcohol or recreational drugs.

**Admission Assessment**

**Chief Complaint:** Fall and Confusion

**History of present Illness:** Presents to hospital due to fall. Patient was found by cousin, whom she lives with, on the floor and covered in urine. This is out of character for the patient. Patient had day one of chemotherapy on 9/13/2019. Patient has experienced short term memory

impairment/loss and behavioral changes due to recent radiation. Patient reports no headaches, no nausea or vomiting, no vision changes, no abdominal pain, and no fever and/or chills.

### **Primary Diagnosis**

**Primary Diagnosis on Admission:** Squamous cell carcinoma of lung

**Secondary Diagnosis:** Brain metastasis. Hypercalcemia of malignancy. Synthesis of inappropriate secretion of antidiuretic hormone. Secondary malignant neoplasm of RT. Emphysema, unspecified. Repeated falls. Amnesia, other. Iron deficiency anemia.

### **Pathophysiology of the Disease:**

Pathogenesis of lung cancer involves not only an overload of carcinogens (from smoking or other environmental factors), but also a genetic predisposition. Smoking paralyzes the cilia that line the epithelium of the respiratory tract. The cilia become less efficient at removing carcinogens, so carcinogens begin to accumulate.

Squamous cell carcinoma of the lung is a type of Non-Small-Cell Lung Cancer (NSCLC). In comparison to Small-Cell Lung Cancer, NSCLC develops gradually, and over a longer period. Squamous cell carcinoma of the lung usually occurs as an erosion in a proximal bronchus in the central portion of the lung. Respiratory tract lesions like this undergo several genetic and structural changes. They begin as an increased number of cells known as a “hyperplasia” and progress to an invasive, neoplastic/ cancerous mass. The rapid, unchecked growth is the result of tumor cell suppressor gene deactivation and oncogene activation. The cancer cells multiply rapidly and can trigger the development of new blood vessels (angiogenesis). The cancer leeches resources from surrounding tissue. As the lesion’s proliferation continues erosion of the epithelium is possible. The growth may also expand into the bronchial lumen or develop into a

solid mass within the lung. Squamous cell carcinoma of the lung is capable of metastasis. Once the growth reaches the pleural surface, it can spread to other lymph nodes. The bones and brain are common metastatic sites for lung cancer.

A paraneoplastic syndrome is defined as “an unexpected pathological disorder provoked by the presence of cancer in the body” (Capriotti & Frizzell, 2020). One common paraneoplastic syndrome associated with lung cancer is hypercalcemia. The body produces a parathyroid-like hormone that stimulates bone breakdown, consequently raising the calcium concentrations in the blood. This phenomenon can be seen in a variety of cancers, although the reason is unclear. Inappropriate/excessive secretion of adrenocorticotrophic hormone and/or antidiuretic hormone is another paraneoplastic syndrome frequently seen in lung cancer.

### **Pathophysiology References (2) (APA):**

Capriotti, T. & Frizzell, J.P. (2020). *Pathophysiology: Introductory concepts and clinical perspectives*. (2<sup>nd</sup> ed.). F.A. Davis Company.

Pagana, K. D., Pagana, T. J., & Pagana, T.N. (2018). *Mosby's Diagnostic and Laboratory Test Reference* (14<sup>th</sup> ed.). Mosby.

### **Laboratory Data**

**\*If laboratory data is unavailable, values will be assigned by the clinical instructor\***

**CBC Highlight All Abnormal Labs—Explanations must be in complete sentences and contain in-text citations in APA format.**

<b>Lab</b>	<b>Normal Range (females)</b>	<b>Admission Value</b>	<b>Today's Value</b>	<b>Reason for Abnormal Value</b>
<b>RBC</b>	4.2 - 5.4	3.84	4.36	Decreased levels of RBC's can be the result of antineoplastic chemotherapy and pernicious anemia.

<b>Hgb</b>	<b>12.0-16.0</b>	12.1	13.6	Within the range of normal values.
<b>Hct</b>	<b>37.0 – 47.0 %</b>	37.0	42.4	Within the range of normal values.
<b>Platelets</b>	<b>150 – 400</b>	239	298	Within the range of normal values.
<b>WBC</b>	<b>5 – 10</b>	9.2	8.7	Within the range of normal values.
<b>Neutrophils</b>	<b>55 - 70%</b>	57.9	62.3	Within the range of normal values.
<b>Lymphocytes</b>	<b>20 - 40%</b>	28.8	24.5	Within the range of normal values.
<b>Monocytes</b>	<b>2 - 8%</b>	5.8	4.9	Within the range of normal values.
<b>Eosinophils</b>	<b>1 - 4%</b>	<b>7.8</b>	<b>7.2</b>	Increased levels of eosinophils are indicative of allergic reactions. Increased counts can also arise in parasitic infestations. Eosinophils do not respond to bacterial or viral infections.
<b>Bands</b>	<b>50 -65%</b>	N/A	N/A	N/A

Chemistry **Highlight All Abnormal Labs**—Explanations must be in complete sentences and contain in-text citations in APA format.

<b>Lab</b>	<b>Normal Range</b>	<b>Admission Value</b>	<b>Today's Value</b>	<b>Reason For Abnormal</b>
<b>Na-</b>	<b>136 - 145</b>	<b>145</b>	<b>145</b>	Within the range of normal values.
<b>K+</b>	<b>3.5 – 5.1</b>	<b>4.0</b>	<b>4.1</b>	Within the range of normal values.
<b>Cl-</b>	<b>98 - 106</b>	<b>108</b>	<b>103</b>	Hyperchloremia can occur in anemic patients.
<b>CO2</b>	<b>23 - 30</b>	<b>31</b>	<b>27</b>	Increased levels of carbon dioxide can be the result of aldosteronism
<b>Glucose</b>	<b>70 - 110</b>	<b>109</b>	<b>80</b>	Within the range of normal values.
<b>BUN</b>	<b>5 - 25</b>	<b>18</b>	<b>21</b>	Within the range of normal values.
<b>Creatinine</b>	<b>0.60 – 1.20</b>	<b>0.7</b>	<b>0.9</b>	Within the range of normal values.
<b>Albumin</b>	<b>3.5 – 5.7</b>	<b>3.0</b>	<b>4.2</b>	Hypoalbuminemia is most often the result of inflammatory responses.
<b>Calcium</b>	<b>9.0 – 10.5</b>	<b>9.5</b>	<b>9.7</b>	Within the range of normal values.

<b>Mag</b>	<b>1.6 – 2.6</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Phosphate</b>	<b>3.0 – 4.5</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Bilirubin</b>	<b>0.3 – 1.0</b>	<b>0.2</b>	<b>0.3</b>	Certain drugs may decrease levels of total bilirubin. Low bilirubin is not problematic.
<b>Alk Phos</b>	<b>30 - 120</b>	<b>64</b>	<b>89</b>	Within the range of normal values.

Urinalysis **Highlight All Abnormal Labs**—Explanations must be in complete sentences and contain in-text citations in APA format.

<b>Lab Test</b>	<b>Normal Range</b>	<b>Value on Admission</b>	<b>Today's Value</b>	<b>Reason for Abnormal</b>
<b>Color &amp; Clarity</b>	<b>Pale yellow and clear</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>pH</b>	<b>4.6 – 8.0</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Specific Gravity</b>	<b>1.005 – 1.030</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Glucose</b>	<b>Negative</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Protein</b>	<b>0 – 8</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Ketones</b>	<b>Negative</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>WBC</b>	<b>0 – 4</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>RBC</b>	<b>&lt; 2</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Leukoesterase</b>	<b>Negative</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

Cultures **Highlight All Abnormal Labs**—Explanations must be in complete sentences and contain in-text citations in APA format.

<b>Test</b>	<b>Normal Range</b>	<b>Value on Admission</b>	<b>Today's Value</b>	<b>Explanation of Findings</b>
-------------	---------------------	---------------------------	----------------------	--------------------------------

<b>Urine Culture</b>	<b>Negative</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Blood Culture</b>	<b>Negative</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Sputum Culture</b>	<b>Negative</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Stool Culture</b>	<b>Negative</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

**Lab Correlations Reference (APA):**

Pagana, K. D., Pagana, T. J., & Pagana, T.N. (2018). *Mosby's Diagnostic and Laboratory Test Reference* (14<sup>th</sup> ed.). Mosby.

**Diagnostic Imaging**

**All Other Diagnostic Tests (10 points):**

Low-dose helical CT Scan (Spiral CT scan): Used as a screening test for persons with risk factors (ex. Smokers age 40 and older).

**Current Medications (10 points, 2 points per completed med)  
\*5 different medications must be completed\***

**Medications (5 required)**

<b>Brand/ Generic</b>	Norvasc/ Amlodipine Besylate	Incruse Ellipta/ Umeclidinium	Prilosec/ Omeprazole	Keppra/ Levetiracetam	Cyanocobalamin/ Vitamin B12
<b>Dose</b>	5 mg/ tab	62.5 mcg (1 inhalation)	2, 20 mg/ tabs	1,000 mg/ tab	1000 mcg/mL
<b>Frequency</b>	Daily	Daily	Daily	BID	Once Monthly
<b>Route</b>	Oral	Oral	Oral	Oral	Intramuscular injection
<b>Classification</b>	Calcium Channel blocker	Anticholinergic	Proton-pump inhibitor	Pyrrolidine derivative	Vitamin
<b>Mechanism</b>	Binds to	Inhibits	Inhibits the	May protect	Once in the

<b>of Action</b>	dihydropyridine and non-dihydropyridine cell membrane receptor sites on myocardial and vascular smooth-muscle cells. Inhibits the influx of extracellular calcium ions, thus decreasing intracellular calcium. Amlodipine Besylate relaxes coronary tissues, decreases peripheral vascular resistance, and reduces blood pressure.	muscarinic M3 receptor in smooth muscle to cause bronchodilation. Umeclidinium relaxes muscles in the airways to improve breathing.	hydrogen potassium adenosine triphosphate enzyme system (proton pump). By irreversibly blocking the intracellular exchange of hydrogen, hydrochloric acid is not allowed to form. Omeprazole decreases the amount of acid produced in stomach	against secondary generalized seizure activity by preventing coordination of epileptiform burst firing. Levetiracetam does not seem to involve inhibitory and excitatory neurotransmission.	blood, vitamin B12 attaches to plasma protein. Most of the vitamin is stored in the liver, but some tissues have B12 binding proteins to which the B12 will attach to and be absorbed.
<b>Reason Client Taking</b>	Hypertension	Emphysema	GERD	Brain cancer	B12 deficiency, pernicious anemia
<b>Contra-indications (2)</b>	Hypersensitivity to amlodipine or its components	- Hypersensitivity to umeclidinium or its components - Severe hypersensitivity to milk proteins	- Concurrent therapy with rilpivirine-containing products - Hypersensitivity to omeprazole, substituted benzimidazoles, or their components	Hypersensitivity to levetiracetam or its components	- Sensitivity to cobalt and/or vitamin B12 - Incompatible with alkaline or strongly acidic solutions and oxidizing or reducing agents.
<b>Side Effects/ Adverse Reactions (2)</b>	- Hypotension - Arrhythmias	- Atrial fibrillation - Paradoxical bronchospasm	- <i>C. difficile</i> -associated diarrhea - Bronchospasms	- Suicidal ideation - Anaphylaxis	- Shortness of breath - Hypokalemia

**Medications Reference (APA):**

Jones & Bartlett Learning. (2020). *2021 Nurse’s Drug Handbook* (19<sup>th</sup> ed.). Jones & Bartlett

Learning.

**Assessment**

**Physical Exam (18 points)**

<p><b>GENERAL:</b>  <b>Alertness:</b>  <b>Orientation:</b>  <b>Distress:</b>  <b>Overall appearance:</b></p>	<p>Appears alert and orient x P, P, and T          “Confused at times”          No acute distress          Well-groomed</p>
<p><b>INTEGUMENTARY:</b>  <b>Skin color:</b>  <b>Character:</b>  <b>Temperature:</b>  <b>Turgor:</b>  <b>Rashes:</b>  <b>Bruises:</b>  <b>Wounds:</b>  <b>Braden Score:</b>  <b>Drains present:</b> Y <input type="checkbox"/> N <input type="checkbox"/>  <b>Type:</b></p>	<p>White skin color, Normal coloring          Skin intact          Skin warm to touch          Skin turgor normal mobility          No visible rashes, lesions, or bruises            Braden score: 20          No drains present</p>
<p><b>HEENT:</b>  <b>Head/Neck:</b>  <b>Ears:</b>  <b>Eyes:</b>  <b>Nose:</b>  <b>Teeth:</b></p>	<ul style="list-style-type: none"> <li>- Head and neck are symmetrical, trachea is midline without deviation.</li> <li>Thymus is not palpable. Bilateral carotid pulses are palpable. 2+</li> <li>- No visible deformities or lesions. Bilateral canal clear w gray tympanic membranes.</li> <li>- Bilateral sclera white, bilateral cornea clear, no discharge present. Patient wears glasses</li> <li>- Septum is midline, turbinates are pink and moist. Mucus present.</li> <li>- Teeth present, but discolored</li> </ul>
<p><b>CARDIOVASCULAR:</b>  <b>Heart sounds:</b>  <b>S1, S2, S3, S4, murmur etc.</b>  <b>Cardiac rhythm (if applicable):</b>  <b>Peripheral Pulses:</b>  <b>Capillary refill:</b>  <b>Neck Vein Distention:</b> Y <input type="checkbox"/>          N <input type="checkbox"/> <b>Edema</b> Y <input type="checkbox"/> N <input type="checkbox"/>  <b>Location of Edema:</b></p>	<ul style="list-style-type: none"> <li>- S1 and S2 heart sounds heard. No murmurs, gallops, or rubs.</li> <li>- Normal rate and rhythm</li> <li>- Peripheral pulses 2+ throughout bilaterally</li> <li>-</li> <li>-</li> <li>-</li> <li>- Capillary refill less than 3 seconds on fingers and toes bilaterally</li> <li>- No neck vein distention</li> <li>- No edema</li> </ul>

<p><b>RESPIRATORY:</b>  <b>Accessory muscle use:</b> Y <input type="checkbox"/>  N <input type="checkbox"/>  <b>Breath Sounds: Location, character</b></p>	<ul style="list-style-type: none"> <li>- No accessory muscle use</li> <li>- Diminished breath sounds anterior/posterior bilaterally</li> <li>- Wheezing present bilaterally</li> </ul>
<p><b>GASTROINTESTINAL:</b>  <b>Diet at home:</b>  <b>Current Diet</b>  <b>Height:</b>  <b>Weight:</b>  <b>Auscultation Bowel sounds:</b>  <b>Last BM:</b>  <b>Palpation: Pain, Mass etc.:</b>  <b>Inspection:</b>  <b>Distention:</b>  <b>Incisions:</b>  <b>Scars:</b>  <b>Drains:</b>  <b>Wounds:</b>  <b>Ostomy:</b> Y <input type="checkbox"/> N <input type="checkbox"/>  <b>Nasogastric:</b> Y <input type="checkbox"/> N <input type="checkbox"/>  <b>Size:</b>  <b>Feeding tubes/PEG tube</b> Y <input type="checkbox"/>  <input type="checkbox"/> N <input type="checkbox"/>  <b>Type:</b></p>	<ul style="list-style-type: none"> <li>-</li> <li>- Normal mechanical diet, thin liquids</li> <li>- 5' 2"</li> <li>- 130 lbs</li> <li>- Normoactive bowel sounds in all four quadrants</li> <li>- Most recent bowel movement 10/7/21 at 0700</li> <li>- Abdomen is soft and nontender. No masses palpated</li> <li>- Appendectomy scar</li> <li>- No ostomy</li> <li>- No enteral feeding tubes</li> <li>-</li> </ul>
<p><b>GENITOURINARY:</b>  <b>Color:</b>  <b>Character:</b>  <b>Quantity of urine:</b>  <b>Pain with urination:</b> Y <input type="checkbox"/> N <input type="checkbox"/>  <b>Dialysis:</b> Y <input type="checkbox"/> N <input type="checkbox"/>  <b>Inspection of genitals:</b>  <b>Catheter:</b> Y <input type="checkbox"/> N <input type="checkbox"/>  <b>Type:</b>  <b>Size:</b></p>	<ul style="list-style-type: none"> <li>- Unknown</li> <li>- No pain with urination</li> <li>- No dialysis</li> <li>- No catheter</li> </ul>
<p><b>MUSCULOSKELETAL:</b>  <b>Neurovascular status:</b>  <b>ROM:</b>  <b>Supportive devices:</b>  <b>Strength:</b>  <b>ADL Assistance:</b> Y <input type="checkbox"/> N <input type="checkbox"/>  <b>Fall Risk:</b> Y <input type="checkbox"/> N <input type="checkbox"/>  <b>Fall Score:</b></p>	<ul style="list-style-type: none"> <li>- Right-handed</li> <li>- No paralysis, general weakness</li> <li>- Independent with use of walker</li> <li>- No ADL assistance</li> <li>- Fall risk</li> <li>- Morse Fall Scale Score: &gt; 51, High risk</li> <li>- Up ad lib</li> </ul>

<p><b>Activity/Mobility Status:</b>  <b>Independent (up ad lib)</b> <input type="checkbox"/>  <b>Needs assistance with equipment</b> <input type="checkbox"/>  <b>Needs support to stand and walk</b> <input type="checkbox"/></p>	<ul style="list-style-type: none"> <li>- No assistance needed</li> <li>- No support needed to stand and walk</li> </ul>
<p><b>NEUROLOGICAL:</b>  <b>MAEW:</b> Y <input type="checkbox"/> N <input type="checkbox"/>  <b>PERLA:</b> Y <input type="checkbox"/> N <input type="checkbox"/>  <b>Strength Equal:</b> Y <input type="checkbox"/> N <input type="checkbox"/>  <b>if no - Legs</b> <input type="checkbox"/> <b>Arms</b> <input type="checkbox"/>  <b>Both</b> <input type="checkbox"/>  <b>Orientation:</b>  <b>Mental Status:</b>  <b>Speech:</b>  <b>Sensory:</b>  <b>LOC:</b></p>	<ul style="list-style-type: none"> <li>- MAEW: yes</li> <li>- PERRLA: yes</li> <li>- Strength equal: yes</li> <li>- Orient x4</li> <li>- Alert</li> <li>- Normal</li> <li>- Normal</li> </ul>
<p><b>PSYCHOSOCIAL/ CULTURAL:</b>  <b>Coping method(s):</b>  <b>Developmental level:</b>  <b>Religion &amp; what it means to pt.:</b>  <b>Personal/Family Data (Think about home environment, family structure, and available family support):</b></p>	<ul style="list-style-type: none"> <li>- Family support</li> <li>- Adult, no developmental disabilities</li> <li>- “Not religious”</li> <li>- Lived at home with her cousin and her grandchildren</li> <li>- Legally adopted her four grandchildren because her daughter/their mother struggles with addiction. The oldest is now a young adult.</li> </ul>

**Vital Signs, 1 set (5 points)**

Time	Pulse	B/P	Resp Rate	Temp	Oxygen
1115	70 bpm	128/74	14 rpm	97.5 ° F	95%
				Temporal	Room Air

**Pain Assessment, 1 set (5 points)**

Time	Scale	Location	Severity	Characteristics	Interventions

<b>1110</b>	<b>0</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
-------------	----------	------------	------------	------------	------------

**Intake and Output (2 points)**

<b>Intake (in mL)</b>	<b>Output (in mL)</b>
<b>600 mL</b>	<b>Not Measured</b> <b>(No catheterization, Voids Independently)</b>

**Nursing Diagnosis (15 points)**

**\*Must be NANDA approved nursing diagnosis\***

<b>Nursing Diagnosis</b>	<b>Rational</b>	<b>Intervention (2 per dx)</b>	<b>Evaluation</b>
<ul style="list-style-type: none"> <li>• Include full nursing diagnosis with “related to” and “as evidenced by” components</li> </ul>	<ul style="list-style-type: none"> <li>• Explain why the nursing diagnosis was chosen</li> </ul>		<ul style="list-style-type: none"> <li>• How did the patient/family respond to the nurse’s actions?</li> <li>• Client response, status of goals and outcomes, modifications to plan.</li> </ul>
<p><b>1.</b> Risk for falls related to introduction of new pharmaceutical agent as evidenced by mental status change</p>	<p>The patient recently experienced an episode in which she was found fallen on the floor shortly after receiving day one of chemotherapy.</p>	<p><b>1.</b>Review medication with patient and family. Help patient understand what medications put them at greater risk for falls</p> <p><b>2.</b>Provide patient with additional medication for household safety. Refer patient to appropriate resources for safety education.</p>	<p>The patient will continue receiving chemotherapy but is now aware of her increased risk of falls in the days following treatment. Patient and her family will be more mindful of her limitations following chemotherapy and know to contact emergency services if needed.</p>
<p><b>2.</b> Ineffective</p>	<p>The patient has</p>	<p>1. Teach patient an</p>	<p>The patient agrees these</p>

<p>airway clearance related to smoking as evidenced by diminished breath sounds.</p>	<p>been a smoker for many years and the damage to her lung's cilia has resulted in an inability to clear secretions from the respiratory tract to maintain a clear aiway.</p>	<p>easily performed cough technique to clear airway without fatigue                  2. Encourage adequate water intake (3 to 4 L/day) to ensure optimal hydration and loosening of secretions</p>	<p>interventions could be done in addition to the use of the prescribed bronchodilator treatment. Patient will try to drink more water with each meal and throughout the day.</p>
--	---	--	---

**Other References (APA):**

Phelps, L.L. (2020). *Sparks and Taylor's Nursing Diagnosis Reference Manual* (11<sup>th</sup> ed.).  
 Wolters Kluwer.

**Concept Map (20 Points)**

**Subjective Data**

Smokes 2-5 cigarettes each day for past 35 years  
Does not use drugs or alcohol  
No known allergies  
Patient fell and was found on the floor and covered in urine. This is out of character for the patient.  
Patient has experienced short term memory impairment/loss and behavioral changes due to recent radiation. Patient reports no headaches, no nausea or vomiting, no vision changes, no abdominal pain, and no fever and/or chills.

**Nursing Diagnosis/Outcomes**

Risk for falls related to introduction of new pharmaceutical agent as evidenced by mental status change  
The patient will continue receiving chemotherapy but is now aware of her increased risk of falls in the days following treatment. Patient and her family will be more mindful of her limitations following chemotherapy and know to contact emergency services if needed.  
Ineffective airway clearance related to smoking as evidenced by diminished breath sounds.  
The patient agrees these interventions could be done in addition to the use of the prescribed bronchodilator treatment. Patient will try to drink more water with each meal and throughout the day.

**Objective Data**

5' 2"  
130 lbs  
  
Pulse: 70 bpm  
B/P: 128/74  
Respirations: 14  
  
Temp: 97.5  
  
O2 Saturation: 95% on room air  
Laboratory Data  
Physical Examination Data

**Patient Information**

B.S.  
Female  
66 years old  
White/Caucasian  
Widowed  
Retired  
Squamous Cell Carcinoma of the Lungs  
DNR

**Nursing Interventions**

.1A. Review medication with patient and family. Help patient understand what medications put them at greater risk for falls 1B. Provide patient with additional medication for household safety. Refer patient to appropriate resources for safety education. .  
.2A. Teach patient an easily performed cough technique to clear airway without fatigue 2B. Encourage adequate water intake (3 to 4 L/day) to ensure optimal hydration and loosening of secretions





